Atty. Docket # Serial No. INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) ACR6100US 09/869,931 RTO-1449 (modified) **Applicant** Spellane, P., et al. International Filing Group Art Unit Date: 1625

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Init	Document No.	Issue Date	Name	Class	Subclass	Filing Date
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	5,643,864	7/97	Li, et al.	510	499	
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Abstract of: Adsorption of Dimeric (Gemini) Surfactants at the Aqueous Solution Silica Interface; Journal of Colloid & Interface Science 199(2):169-176, 1998; Chorro et al.

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Page 2 of 6 Serial No. Atty. Docke INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) ACR6100US 097869,931 PTO-1449 (modified) Applicant Spellane, P., et al. International Filing **Group Art Unit** Date: 1625 December 30, 1999 U.S. PATENT DOCUMENTS Filing Issue Init Document No. Date Class **Subclass** Date Name 494 6,156,721 12/00 Kwetkat, et al. 510 6,034,271 3/00 Kwetkat 562 565 FOREIGN PATENT DOCUMENTS Publ. Translation Class Document No. Date Country **Subclass** Ν CA 2,093,941 5/94 CA C07C 211/10 WO 97/40124 10/97 PCT C11D 1/28 Ν WO 97/31890 9/97 PCT C07C 229/26 Ν EP 0 803 498 A1 10/97 **EPO** C07C 219/06 WO 98/45308 10/98 PCT C07H 15/12 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Abstract of: Polymerization of Styrene in Ternary Microemulsion Using Cationic Gemini Surfactants; Langmuir, 14(4):800-807, 1998; Dreja et al. Abstract of: Small Angle Neutron Scattering Study of Micellar Structures of Dimeric Surfactants; Physical Review A. 57(1):776-783, 1998; Aswal et al. Abstract of: Micellar Aggregates of Gemini Surfactants-Monte Carlo Simulation of a Microscopic Model; Europhysics Letters. 41(2):183-188, 1998; Maiti et al. Abstract of: Gemini Surfactants at Solid-Liquid Interfaces-Control of Interfacial Aggregate Geometry; Langmuir. 13(24):6382-6387, 1997; Manne et al. Abstract of: Gemini Surfactants, The Effect of Hydrophobic Chain Length and Dissymmetry; Chemical Communications.(21):2105-2106, 1997; Oda et al. Abstract of: Alkanediyl-Alpha, Omega-Bis(Dimethylalkylammoniumbromide).7. Fluorescence Probing Studies of Micelle Micropolarity and Microviscosity; Langmuir. 13(21):5552-5557, 1997; Derwent Abstract No. 97-533279/49 Abstracting Japanese Patent No. JP 09256273-A **EXAMINER** DATE CONSIDERED

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Page 3 of 6 Atty. Docket Serial No. INFORMATION DISCLOSURE CITATION ACR6100U (Use several sheets if necessary) **10**9/869,931 PTO-1449 (modified) **Applicant** Spellane, P., et al. International Filing **Group Art Unit** Date: 1625 December 30, 1999 U.S. PATENT DOCUMENTS Filing Issue **Subclass** Date Init Document No. Date Name Class 12/98 Tracy et al 510 506 5,846,926 7/96 Scheibel et al 510 356 5,534,197 7/97 <del>510</del> 499 Li et al 5,643,864 510 1/98 Tracy et al 467 5,710,121 FOREIGN PATENT DOCUMENTS Publ. Translation Document No. Date Country Class Subclass Ν 8/98 PCT WO 98/37062 C07C 317/06 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Derwent Abstract No. 98-090000/09 Abstracting Japanese Patent No. JP 09111660-A Journal of Surfactants and Detergents, Vol. 1, No. 4 1998; Pgs. 547-554; Gemini Surfactants Rosen; et al. J. Org. Chem., Vol. 86, No.16, 1971; Pgs. 2346-2350; Catalysis of Nucleophilic Substitutions by Micelles of Dicationic Detergents; Bunton et al. Colloids and Surfaces A: Physicochemical and Engineering Aspects 118 (1996) 41-49; Synthesis, surface properties and oil solubilisation capacity of cationic Gemini surfactants; Th. Dam et al. Colloids and Surfaces A: Physicochemical and Engineering Aspects 118 (1996) 161-166; The effect of added salt on adsorption and adsolubilization by a Gemini surfactant on silica; Esumi et Journal of Colloid and Interface Science 179, Pgs. 261-268 (1996) Dynamic Surface Tension of Aqueous Surfactant Solutions; Rosen et al a Journal of Colloid and Interface Science 179, 454-459 (1996) The Interaction of Some Novel Diquaternary Gemini Surfactants with Anionic Surfactants; Liu et al JAOCS, Vol. 73 No. 7 Pgs. 885-890 (1996) Surface Activity and Premicellar Agrregation of Some Novel Diquaternary Gemini Surfactants; Rosen et al • J. Phys. Chem B. Vol. 102, No. 39 (1998) Pgs. 7613-7618 Mixtures of Monomeric and Dimeric Cationic Surfactants; Zhao et al . **EXAMINER** DATE CONSIDERED

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